

In the Claims:

1. (currently amended) ~~Adhesive~~ An adhesive for medical patches or for transdermal therapeutic systems, said adhesive having a tackiness which is activated and/or increased by contact with moisture or by absorption of moisture, ~~[[and]]~~ said adhesive ~~being characterized in that it contains a~~ comprising at least one component ~~or a combination of at least two components, said component(s) being~~ selected from the group ~~comprising~~ consisting of (a) polyvinyl alcohols, (b) cellulose derivatives, (c) polyethers, (d) acid anhydrides ~~and their~~ including acids and salts of acid anhydrides, ~~as well as~~ and (e) non-pressure-sensitive polyacrylates, wherein at least two components ~~differing~~ differ from each other ~~in terms of their~~ by each being members ~~a member~~ of the classes a different class (a) to (e); and wherein ~~that the said~~ adhesive possesses at least one of the features indicated in the following:
 - i) ~~it contains~~ at least one ~~[[a]]~~ film-forming polymer from the group of ~~[[the]]~~ non-pressure-sensitive polyacrylates as component (e);
 - ii) ~~it contains~~ and at least one ~~or more~~ organic ~~[[acids]]~~ acid.
2. (currently amended) ~~Adhesive~~ The adhesive according to claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one acid anhydride group-containing polymer or copolymer, ~~preferably from the group of the acid anhydride group-containing polyethers, as acid anhydride.~~
3. (currently amended) ~~Adhesive~~ The adhesive according to claim ~~[[1 or]]~~ 2, ~~characterized in that it contains a salt form or an acid form of~~ wherein said at least one acid anhydride group-containing polymer or copolymer is in a form selected from the group consisting of a salt form and an acid form.
4. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 3,~~ claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer from the class of the polyvinyl alkyl ethers, ~~the alkyl group preferably containing~~ and contains 1–20 C atoms.
5. (currently amended) ~~Adhesive~~ The adhesive according to claim 4, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer selected from the group ~~comprising~~ consisting of polyvinyl methyl ether, polyvinyl ethyl ether, polyvinyl isobutyl ether and polyvinyl cyclohexyl ether.
6. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 5,~~ claim 1, ~~characterized in that it~~ wherein said adhesive contains at least one ~~or more~~ ~~polymers~~ polymer selected from the group of the polyvinyl alkyl ether copolymers;

~~preferably copolymers containing a carboxylic acid anhydride as comonomer, with particular preference a copolymer of methyl vinyl ether and maleic acid anhydride.~~

7. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 6,~~ characterized in that it claim 1, wherein said adhesive contains at least one or more polyvinyl alcohol(s) alcohol.

8. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 7,~~ characterized in that it claim 7, wherein said adhesive further contains polyvinyl alcohol(s) and at least one polymethyl vinyl ether-polymaleic acid anhydride copolymer, the polyvinyl alcohol portion amounting to 1-80%-wt., ~~preferably 5-55%-wt.,~~ relative to the sum of [[these]] said two polymer components.

9. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 8,~~ characterized in that it claim 1, wherein said adhesive contains at least one cellulose derivative, ~~preferably selected from the group comprising~~ consisting of hydroxypropyl methyl cellulose, hydroxypropyl cellulose, sodium carboxymethyl cellulose, methyl cellulose, hydroxyethyl cellulose and hydroxypropyl ethyl cellulose.

10. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of claims 1 to 9,~~ characterized in that it claim 1, wherein said adhesive contains at least one component selected from the group comprising consisting of polyvinyl pyrrolidones, gelatine, starch and starch derivatives.

11. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive additionally contains at least one or more pressure-sensitive adhesive ~~polymers preferably polymer~~ selected from the group ~~comprising~~ consisting of polyacrylates, polyisobutylenes, polyisoprenes, silicone adhesives and hot melt pressure-sensitive adhesives, ~~and the portion of the wherein the portion of said~~ moisture-activatable, non-pressure-sensitive adhesive components ~~preferably being~~ is 40-60%-wt.

12. (currently amended) ~~Adhesive~~ The adhesive according to ~~any one of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive contains at least one film-forming polymer selected from the group of the polyacrylates and at least one polymethyl vinyl ether-polymaleic acid anhydride copolymer, the polyacrylate portion being 25-95%-wt., ~~preferably 50-80%-wt.,~~ relative to the sum of [[these]] said polymer components.

13. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that the~~ claim 1, wherein said at least one organic

[[acid(s)]] acid is ~~is/are~~ selected from the group ~~comprising~~ consisting of saturated alkanolic monocarboxylic acids, saturated alkanolic dicarboxylic acids and hydroxyalkanoic acids.

14. (currently amended) ~~Adhesive~~ The adhesive according to ~~one or more of the preceding claims, characterized in that it~~ claim 1, wherein said adhesive contains a cellulose derivative, ~~preferably sodium carboxymethyl cellulose, as well as~~ and an organic acid, ~~preferably a carboxylic acid.~~

15. (currently amended) ~~Medical~~ A medical patch or transdermal therapeutic system, ~~characterized in that it is provided with~~ comprising at least one moisture-activatable adhesive matrix layer ~~which contains~~ comprising an adhesive according to ~~any one of claims 1 to 14~~ claim 1.

16. (currently amended) ~~Transdermal~~ The transdermal therapeutic system according to claim 15, ~~characterized in that the~~ wherein said matrix layer contains at least one active substance.

17. (currently amended) ~~Transdermal~~ The transdermal therapeutic system according to claim 16, ~~characterized in that the~~ and further comprising an overlying patch for connecting said active substance-containing matrix layer ~~is connected with an overlying patch, [[the]]~~ said overlying patch ~~preferably being provided with comprising~~ a pressure-sensitive adhesive polymer layer.

18. (currently amended) The use of an adhesive according to ~~any one of claims 1 to 14~~ claim 1 for the manufacture of a product selected from the group consisting of a medicinal patch ~~[[or of]]~~ and a transdermal therapeutic system.

19. (new) The adhesive according to claim 2, wherein said at least one acid anhydride group-containing polymer or copolymer is an acid anhydride group-containing polyether.

20. (new) The adhesive according to claim 19, wherein said acid anhydride group-containing polyether is acid anhydride.

21. (new) The adhesive according to claim 6, wherein said at least one polymer is selected from the group consisting of a copolymer of methyl vinyl ether and maleic acid anhydride.

22. (new) The adhesive according to claim 8, wherein said polyvinyl alcohol portion is amounts to 5-55% - wt. relative to the sum of said polymer components.

23. (new) The adhesive according to claim 12, wherein said polyacrylate portion of said adhesive is 50-80% - wt. relative to the sum of said polymer components.

24. (new) The adhesive according to claim 14, wherein said cellulose derivative is sodium carboxymethyl cellulose and said organic acid is a carboxylic acid.